Collection no. 113 — S.E. Queensland

K. H. L. Key

30. V. – 3. VI. 1961

Cidaria sp. 3, Macrotona picta, Austracris basalis (?), Laxacantilla smaragdina, Calidia captiva, Gonipsa australasiae, G. sp.

30/5/61. Mt. Coot-tha. P35 – grass-species. Callitala sp. P62, Moraba sp. P35 (?), Genus nov. 10 (?) associated with Thuneida australis, sp. 1, Adlappa sp. 1, Methoplopsis geniculata, Callitala sp. with a scrambling legume (spec.) ~~Kennedya~~ Kennedya rubicunda (Schneev.) Vent. Lebellia brunialata (?)

31/5/61. Burleigh Heads. Rainforest on Big Burleigh headland, with red to chocolate loam on basalt; steep slopes, large basalt boulders exposed, covered with lichens & mosses. Various rainforest trees, including Moreton Bay fig, with hoop pine & Tristania prominent in more peripheral parts; lianes, occ. ferns. Tettigid on ~~fallen~~ leaf debris in the hilly dry forest, low & especially where slight openings admit more light. Other spp. on forest margin. Tetrigid sp., Methoplopsis geniculata, Genus nov. 10 (?) sp. 1

1/6. Miami. Heath on flat of white sand extending almost 1 mile back from beach, falling in land away from Moraba sp. P101, M. sp. P130, Laxacantilla smaragdina, Cephula pyrrhocnemis, Genus nov. 9 (?) sp. 1, Genus nov. 10 (?) sp. 1, Austracris proxima

nymphs of the two spp. can be distinguished readily on cerci; both are then seen to occur equally in (1)

the beach dunes, & swampy in the lower part (1) At the higher levels, dense 1-2 ft, ~~mainly of~~ several spp. of sclerophyllous shrubs; Selaginella uliginosa also & (Labill.) Spreng. & Xanthorrhoea sp. & Selaginella in lower parts; ~~near~~ mainly gums in their lower parts, apparently associated with the moss, which may be a food plant (no: not eaten by caged indivs.); Noxiba p98(?) in higher parts (2) At the lower levels further from beach, ~~to~~ dense, 2-4 ft, with fewer species of shrubs & a large-leafed Banksia in large patches to 4 ft; P130 here*, but not amongst Banksia, also Austaeris chiefly here. & Grassy cleared areas had occ. Heteropteris, * Gastr., & Acrida. (3) On Little Beveridge headland, amongst Banksia & phyllode acacia, with Themeda australis & decots: Gen. nov. (1♀) & Acanthine.

2/6 Saw in Surfers' Paradise: Acrida

(♂), Heteropteris

3/6. Bilinga (Coolangatta aerodrome).
Moraba sp. P101, M. sp. P130.
Heath to 3ft, with some Themeda, to 1ft
Imperata, + bracken + scattered
Banksia to 5ft on white sand
flat fringing aerodrome, which has
been ~~built~~ cleared from this. Not
swampy; ~~probably originally taller~~;
probably swampy further towards
centre of stand. Moraba adults +
juvenile all from within a few
sq. yd.